

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-24. (Cancelled)

25. (Currently Amended) A heavy duty rotary concrete mixing drum for coupling to a vehicle having a drivetrain for rotating the drum, the drum comprising:

a wall including a first section and a second section, the second section separated from the first section by a seam, and each of the first section and the second section having an inner surface and an outer surface; and

a first ramp formation coupled to the first section and extending from the inner surface of the first section proximate a first side of the seam and configured to direct concrete within the drum away from the seam;

a second ramp formation coupled to the second section and extending from the inner surface of the second section proximate a second side of the seam and configured to direct concrete within the drum away from the seam; and

a channel formed between the first ramp formation and the second ramp formation.

26. (Currently Amended) The mixing drum of claim 25, wherein the first ramp formation and the first section are integrally-formed as part of a single unitary body.

27. (Currently Amended) The mixing drum of claim 25, wherein the first ramp formation includes a first surface and a second surface.

28. (Currently Amended) The mixing drum ~~truck~~ of claim 27, wherein the first surface of the first ramp formation angles away from the inner surface of the first section as it extends toward the seam.

29. (Currently Amended) The mixing drum ~~truck~~ of claim 28, wherein the second surface of the first ramp formation extends from the inner surface of the first section and intersects the first surface.

30. (Currently Amended) The mixing drum of claim 29, wherein the second surface of the first ramp formation angles away from the inner surface of the first section as it extends away from the seam.

31. (Canceled)

32. (Currently Amended) The mixing drum of claim [[31]] 27, wherein the second ramp formation includes a first surface and a second surface.

33. (Currently Amended) The mixing drum of claim 32, wherein the first surface of the second ramp formation angles away from the inner surface of the second section as it extends toward the seam.

34. (Currently Amended) The mixing drum of claim 33, wherein the second surface of the second ramp formation extends from the inner surface of the second section and intersects the first surface of the second formation.

35. (Currently Amended) The mixing drum of claim 34, wherein the second surface of the second ramp formation angles away from the inner surface of the second section as it extends away from the seam.

36. (Canceled)

37. (Currently Amended) The mixing drum of claim [[36]] 35, wherein the second surface of the first ramp formation intersects the first side of the seam.

38. (Currently Amended) The mixing drum of claim 37, wherein the second surface of the second ramp formation intersects the second side of the seam.

39. (Currently Amended) The mixing drum of claim [[36]] 38, wherein the channel is filled with a filler material.

40. (Original) The mixing drum of claim 39, wherein the filler material is a polyurethane compound.

41. (Canceled)

42. (Currently Amended) The mixing drum of claim 25, wherein the first section is comprises an elastomeric material.

43. (Currently Amended) The mixing drum of claim 42, wherein the wall further comprises an outer layer disposed around the outer surface of the first section and the outer surface of the second section.

44. (Currently Amended) The mixing drum of claim 43, wherein the outer layer is comprises a fiber-reinforced composite material.

45. (Currently Amended) The mixing drum of claim 25, wherein the first ramp formation extends from the inner surface of the first section approximately 6 mm.

46. (Currently Amended) The mixing drum of claim 25, further comprising including a first projection extending from the inner surface of the first section and configured to move concrete within the drum upon rotation of the drum.

47. (Currently Amended) The mixing drum of claim 46 further comprising including a second projection extending from the inner surface of the second section and configured to move concrete within the drum upon rotation of the drum.

48-54. (Canceled)